

L4 ANSWER 335 OF 561 CA COPYRIGHT 2004 ACS on STN
 AN 117:54763 CA
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 TI **Aluminum hydroxide-containing cement**
 compositions for extrusion
 IN Sakota, Hiromi; Ninomya, Takashi; Kusano, Kunio
 PA Sekisui Kagaku Kogyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C04B028-04
 ICS B28B003-20; C04B014-04; C04B014-16; C04B014-38; C04B016-06;
 C04B016-08; C04B018-08; C04B018-24; C04B022-06; C04B024-38
 CC 58-3 (Cement, Concrete, and Related Building Materials)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04089340	A2	19920323	JP 1990-204416	19900731
PRAI	JP 1990-204416		19900731		

AB The compns., comprising **cement**, reinforcing fibers, fibrous
water-absorbent, and thickener, contain Al(OH)₃ 0.5-50, elastic
 lightwt. aggregate having particle size .ltoreq.5 mm 0.1-20, and inorg.
 lightwt. aggregate 0-100 wt. parts (per 100 wt. parts **cement**) to
 give asbestos-free, fire-resistant, high-strength, lightwt., rapid-setting
 mortar. A compn., consisting of portland **cement** 100, Higilite
 H-10 10, expanded styrene beads 1, Coal Floater CFB (fly ash balloons) 10,
 polypropylene fibers 2, cellulose pulp (fibrous **water**-absorbent)
 2, Me cellulose 1, SiO₂ powder 10, and **water** 42 wt. parts, was
 extruded and cured at 70.degree. (100% humidity) for 12 h to give fire-
 and impact-resistant mortar having bulk d. 1.6, bending strength 150
 kg/cm².

ST lightwt aggregate **aluminum hydroxide** mortar extrusion
 IT Mortar

(aluminum hydroxide-contg., lightwt. extrudable,
 compns. for, for fire resistance and strength)

IT Shirasu (soil)
 RL: USES (Uses)
 (compns. contg. **aluminum hydroxide** and, extrusion
 of, for fire-resistant lightwt. mortar)

IT Ashes (residues)
 (fly, compns. contg. **aluminum hydroxide** and,